

IN THE ABSTRACT:

Kindly cancel the prior Abstract of the Discussion and substitute the following therefore.

ABSTRACT:

Binding assays for identifying compounds that induce or modulate the T1R1/T1R3 (umami) receptor-associated taste are provided. These binding assays detect the specific binding of a compound to a T1R1/T1R3 (umami) taste receptor or detect the modulation (inhibition or enhancement) of the binding of another compound, e.g., L-glutamate, L-aspartate or lactisole to a T1R1/T1R3 umami taste receptor. Compounds that are identified in these binding assays have potential application as T1R1/T1R3 umami taste modulators and therefore can be used as flavor additives in compositions for human or animal consumption.